What is claimed is:

1. A transport and storage container for liquids comprising:

a pallet-shaped bottom frame;

a latticework enclosure connected to the bottom frame;

wherein the latticework enclosure has horizontal and vertical rods of metal and a lower peripheral profiled edge section and an upper peripheral profiled edge section, wherein the vertical rods have upper ends welded to the upper peripheral profiled edge section and lower ends welded to the lower peripheral profiled edge section;

an exchangeable inner container of plastic material having four sidewalls, a bottom, and a top, wherein a closable filling socket is formed as a part of the top and a tapping socket is formed as a part of a lower portion of one of the sidewalls and is provided with a tap fixture;

wherein the inner container is received in the latticework enclosure;

wherein the vertical rods are hollow profiled sections and the upper ends are flattened and shaped to a wave profile having at least two welding projections;

wherein the upper profiled edge section is a hollow profiled section and is formed to have a double bar, wherein the double bar extends peripherally and transversely to the

vertical rods;

wherein the double bar is shaped to have an inner wave profile and an outer wave profile;

wherein the inner and outer wave profiles engage one another;

wherein the outer wave profile has formed grooves and wherein the inner wave profile forms at least two peripheral welding projection rims;

wherein the upper ends of the vertical rods and the double bar are connected by projection welding to form cruciform joints; and

wherein the upper profiled edge section has a flat upper peripheral rim for supporting corner legs and center legs of a pallet-shaped bottom frame of a container stacked on top.

2. The transport and storage container according to claim 1, wherein the inner wave profile of the double bar has three of the peripheral welding projection rims.

3. The transport and storage container according to claim 1, wherein the upper profiled edge section has a support rim that is springy to a limited extent and is oriented, beginning at the double bar, at a slant inwardly into the upper profiled edge section and is supported with an inner rim on the upper ends of the vertical rods, wherein,

under a stacking load of a container or several containers stacked on top, the support rim rests across approximately an entire width against the upper ends of the vertical rods.

4. The transport and storage container according to claim 3, wherein the upper profiled edge section has a peripheral groove-shaped recess and wherein the upper ends of the vertical rods are secured in the recess, wherein the recess is formed by the double bar, the support rim, and a bead formed on the support rim and extending downwardly.

5. The transport and storage container according to claim 1, wherein the upper profiled edge section has a peripheral groove-shaped recess and wherein the upper ends of the vertical rods are secured in the recess, wherein the recess has a bottom providing a straight support stay, and wherein the straight support stay rests against the upper ends of the vertical rods.

6. The transport and storage container according to claim 5, wherein the recess is formed by an inwardly displaced inclined or vertical wall section of the upper profiled edge section adjoining the double bar, the support stay, and a bead formed on the support stay and extending downwardly.

7. The transport and storage container according to claim 1, wherein the upper profiled edge section is a square profiled section having rounded edges.

8. The transport and storage container according to claim 1, wherein the upper profiled edge section comprises an open square profiled section having rounded edges and a semi-tubular profiled section connected to an open side of the open square profiled section.

9. The transport and storage container according to claim 1, wherein the vertical rods each have curved sections adjoining the upper ends, wherein the curved sections, under a stacking load of one or several stacked containers, provide bending locations that are elastic to a limited extent, wherein the curved sections connect the upper ends to straight pipe sections of the vertical rods.

10. The transport and storage container according to claim 9, wherein the curved sections have a cross-section providing a continuous transition from a flattened rod cross-section at the upper ends into a tubular round cross-section.